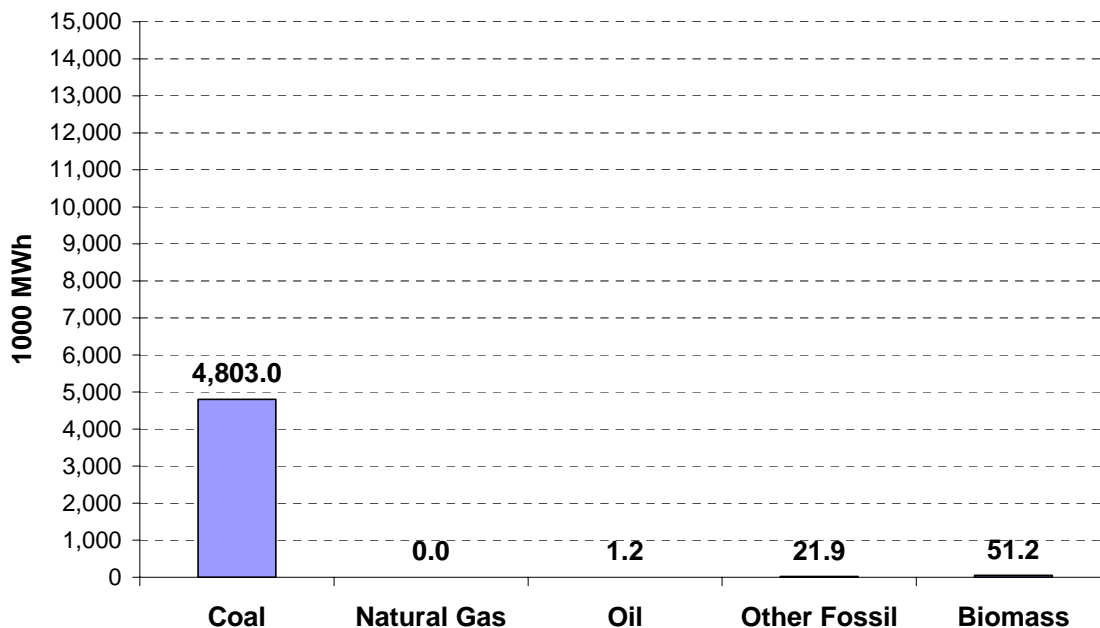




**Missouri
Department of
Natural Resources**

**Sioux Power Plant, AmerenUE -
Power generated in 2000 from fossil fuels & biomass**



Emissions of criteria pollutants, CO₂ and Mercury – 2000

		Total emitted	Output-based rate (units per MWh)	Input-based rate (units per mmBTU)
NO _x - Annual	(Tons)	25,265	10.360	0.96
NO _x – May 1 to Sept. 30	(Tons)	10,614	9.69	0.88
Sulfur dioxide (SO ₂)	(Tons)	36,538	14.98	1.39
Carbon Dioxide (CO ₂)	(Tons)	5,396,971	2,213	205.20
Mercury (HG ₃)	(Pounds)	203.225	0.0417	0.0039

Toxic Releases – 2001

Hazardous Air Pollutants	(Pounds)	1,662,873
Toxic releases – Land	(Pounds)	1,557,061
Toxic releases – Water	(Pounds)	9,470

Data sources

- ◆ Data for hazardous air pollutants and toxic releases is taken from Missouri Department of Natural Resources (DNR) Toxic Release Inventory (TRI). For more information see:
U.S. Environmental Protection Agency (EPA) TRI home page – <http://www.epa.gov/tri/>
Missouri DNR TRI reports posted at <http://www.dnr.mo.gov/oac/bus.htm>
- ◆ Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003

Definitions

NO _x	Oxides of Nitrogen
MWh	Megawatthours (1000 kilowatthours)
mmBtu	Million British Thermal Units